

Currently Available Modules

If you require a software package that is not currently available on the Oscar cluster, please [contact ICERM's IT staff](#) and we will work with CCV to get the software installed.

This list is current as of May 6, 2025. Please scroll across the code snippet to see the full list. For the most up-to-date list of software modules, log into your Oscar account and run the command `module avail`.

Note: D is the default module.

| | | |
|----------------------------------|---------------------------------------|--------------------|
| abacus-container/2021-akaeexs | filezilla/3.49.1- | |
| epfjuus | mafft/7.505-iuicuv | git/2023-04-04- |
| grwuvvgg | | |
| abacus/2017-q4ghhm5 | flashpca/2.0- | |
| zr2wflq | magma-usyd/V2.28-8-p3zylpg | qmcpack- |
| mpi/3.16.0s-qp2hymx | | |
| abacus/2021.1-i675dvw | freebayes/1.3.6- | |
| v7rppcd | magma/2.7.1-cpueygy | qscintilla/2.11.6- |
| dq7zlcq | | |
| abacus/2024-h5273a3 | (D) freeglut/3.2.2- | |
| 76qqoqn | maple/22-cp2uld4 | qt/5.15.9-fb7mjex |
| abacus/2024-ir-a4m5ld5 | freesurfer/7.3.2- | |
| zop5n6m | mark/2018.07.08-43snzfu | qualimap/2.2.1- |
| mybpdoi | | |
| abacus/2024-mbessa-ceayfu0 | freesurfer/8.0.0-jotmydp | |
| (D) materialstudio/2024s-gbc3dg6 | quantum-espresso-mpi/7.1-gits-v4bxgtv | |
| abacus/2024.1-7pcdqhp | fsl/6.0.7.7s- | |
| bul4mby | mathematica/13.2.0-n4i6yua | quantum- |
| espresso-mpi/7.1s-ia43pjk | | |
| admixture/1.3.0-onwaqrp | fv/5.5.2- | |
| g2ibb5x | matlab/R2019a-rjyk3ws | quantum- |
| espresso-mpi/7.3s-kydgjwo | (D) | |
| afni/23.3.07s-zm43m3u | fzf/0.45.0- | |
| pdwl7a4 | matlab/R2023a-xd6f7ph | (D) r/4.0.0- |
| p7gxu4e | | |
| afni/24.2.01s-kstpoqt | (D) gatk/4.3.0.0- | |
| 234wqft | matlab/R2024b-ipaztju | r/4.0.3-pvf2znb |

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| anaconda/2023.09-0-7nso27y | gaussian/09_v1- | |
| u6klkps | maven/3.8.4-w3zgh4v | r/4.1.0-bfjsvw5 |
| angsd/0.935-cbhuwc7 | gaussian/09-D01_v2- | |
| tw73726 | mercurial/5.8-vly6btb | r/4.2.2-z6qdiis |
| ant/1.10.13-alpqj4j | gaussian/09-D01-TEST_v3- | |
| vv6ar67 | mesa/22.1.6-yi2tztm | r/4.3.1-lmofgb4 |
| ants/2.4.3-75npyop | gaussian/16-C01-bb2r2gh | |
| (D) meson/1.6.0-eipcwzq | r/4.4.0-yycctsj | |
| aria2/1.36.0-lsb7zcs | gaussview/v05- | |
| mkdyw6j | metis/5.1.0-7qoahod | r/4.4.2- |
| re5rjx3 | (D) | |
| arm-forge/22.1.3-zq7lvdq | gcc/6.5.0- | |
| lwshmx | miniconda3/23.11.0s-odstpk5 | raisd/2.9- |
| svyic22 | | |
| armadillo/12.2.0-4clpczv | gcc/10.1.0- | |
| mojgbnp | miniforge/23.11.0-0s-hwmjdtj | rclone/1.62.2- |
| o4lkrv6 | | |
| atom/1.19.3-ty5sdsn | gcc/13.1.0-nvrtbp3 | |
| (D) minimap2/2.14-33hmvx2 | readline/6.3-rnqps2 | |
| autoconf/2.69-p4rpdx2 | gcm/2.4.1- | |
| lfqoarh | molden/6.7-isryqwj | readline/8.2- |
| 5xbuyjt | (D) | |
| autoconf/2.71-opdgqng | (D) gdal/3.7.0- | |
| 4p4onmf | molden/7.3-kytvh3m | (D) root/6.28.04- |
| u7t5ax7 | | |
| avogadro2/1.99.0-5zl5qaw | gdal/3.10.3-4vc4f76 | |
| (D) molpro-mpi/2023.2.0s-vyfv74n | rsem/1.3.3-5obucw6 | |
| awscli/1.27.84-v22kngs | geeie/2.4- | |
| 6vdnc4v | molpro-mpi/2024.3.1-mpipr-hwakoux | (D) |
| rstudio/2023.09.1-lsqy746 | | |
| bamtools/2.5.2-ki3mdef | geos/3.11.2- | |
| a6hfu6a | mpc/1.3.1-zbino7j | ruby/3.1.0- |
| gnoxsfm | | |
| basilisk/2023.11.11s-x4isdvp | ghostscript/10.0.0- | |
| 3atesdh | mpfr/4.2.0-n2tkxso | rust/1.73.0-647r2tw |
| bazel/6.1.1-vvtxktr | gimp/2.10.32- | |
| tlknk2n | mriconvert/2.1.0-oaq24fz | rust/1.81.0- |
| 3qqoayc | (D) | |
| bbmap/39.01-jnnkpwk | git-lfs/3.3.0- | |
| laphnvj | microgl/2022.07.20-n3b7whc | sage- |

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| container/10.3-avpqipf | | |
| bcftools/1.13-76jesdj | git/2.44.0- | |
| 6f7n7ni | micron/201909-3s2phrj | sage/9.5- |
| drpqjkh | | |
| bcftools/1.16-ewu6fpe | (D) glew/2.2.0- | |
| plawm2j | msmc2/2.1.4-cuac55f | sage/10.3- |
| nntihfr | (D) | |
| bcl2fastq2/2.20.0.422-z3wh636 | glm/0.9.9.8- | |
| m3s6sze | multiwfn/3.8_1208-qn65pif | salmon/1.9.0- |
| itdua6n | | |
| beagle/5.4-e43mqsa | glpk/5.0- | |
| zifs7bb | mummer4/4.0.0rc1-4llgadq | |
| salmon/1.10.1-43ljn7g | (D) | |
| bedops/2.4.40-bjb2v2n | gmap-gsnap/2024-08-20- | |
| dur7jyc | muscle/3.8.1551-pys2b76 | samtools/1.12-4v4uiz6 |
| bedtools2/2.31.0-lsohc7s | gmp/6.2.1- | |
| qlaig4m | mysql/8.0.29-w7xdbde | |
| samtools/1.16.1-txuglks | (D) | |
| bismark/0.23.0-eoksupu | gnuplot/5.4.3- | |
| pdiiqy | nanoflann/1.4.3-u2l24dv | sas/9.4m8-f2f3xdp |
| blast-legacy/2.2.26-tcdku3a | go/1.17.1- | |
| f4mqosa | nbo/7.0-phausw3 | schmutzi- |
| container/1.5.7-vsorpcq | | |
| blast-plus/2.2.30-cyxldrt | go/1.20.3- | |
| xknmcqd | nccl/2.16.2-1-gjmrw5 | schmutzi- |
| container/1.5.7-3imwf7h | (D) | |
| blat/37-ebfj5e6 | go/1.23.3-d3wvs6z | |
| (D) ncdy/1.18.1-uofylp6 | schrodinger/2023-4-h3kvbn3 | |
| blender/4.4.0-446jdg | google-cloud-cli/456.0.0- | |
| 3mtj4z6 | nco/5.1.5-36hru5t | schrodinger/2024-1-yqi27- |
| m4qqm46 | (D) | |
| boost/1.80.0-harukoy | gperf/3.1- | |
| 56q4xf5 | ncview/2.1.8-nxepxtw | scons/4.5.2- |
| housgyw | | |
| bowtie/1.3.1-2kd7din | grace/5.1.25- | |
| duvo7rn | neovim/0.9.4-67stov2 | seqkit/0.10.1- |
| qtiftw4 | | |
| bowtie2/2.4.2-xdquyzq | graphviz/8.0.1- | |
| 75znavc | neovim/0.10.4-7b4mer5 | (D) seqtk/1.3-kbdjwob |
| bowtie2/2.5.3-qgsc2u | (D) gsl/2.7.1- | |

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| khmyfcy | netcdf-c/4.9.2-cfggqwi | |
| shapeit4/4.2.2-3us45un | | |
| brotli/1.0.9-h22dril | guppy/6.0.1- | |
| wpaqayj | netcdf-c/4.9.2-4ozokng | (D) singular/4.4.0- |
| aeloppr | | |
| bwa/0.7.17-lu4b4dj | guppy/6.1.2-wwwvdfu | |
| (D) netcdf-cxx4/4.3.1-6gcdg5s | skewer/0.2.2-nwhklgr | |
| bxh-xcede-tools-container/1.11.14-4sphv7n | gurobi/10.0.1- | |
| q7rc5dw | netcdf-fortran/4.6.0-kl27oji | slicer/5.4.0- |
| rb2kk4l | | |
| cadence/IC06.18-calibre2022.2-ascb7dw | hdf5/1.12.2- | |
| s6aacp3 | netcdf/4.9.2-ar77jpt | slim/4.0.1- |
| kymgtmu | | |
| cadence/IC06.18.090-6famfci | hdf5/1.14.1-2-rdd6y6v | |
| (D) netlib-lapack/3.11.0-jdzmstx | slim/4.3-u22vcwu | (D) |
| cadence/IC23.10.000-ppql2n | (D) hisat2/2.2.1- | |
| gn4pb3l | netlogo/6.4.0-psm765m | spdlog/1.11.0- |
| qbi24my | | |
| casa/6.6.0-20-py3.8-el7-dqvn5lw | homer/4.11.1- | |
| fpjs4l4 | netpbm/10.73.43-m2jdopk | splash/2.1.4- |
| unrsfpj | | |
| cdhit/4.8.1-bqmf4jf | hpcx-mpi/4.1.5rc2-mts- | |
| ukpby4i | ngc-jax/23.10-paxml-py3-zipbcif | spm/8-77b5myx |
| cellranger/arc-2.0.1-uamrhhu | hpcx-mpi/4.1.5rc2s-yflad4v | |
| (D) ngc-pytorch/24.03-py3-a6ptiby | spm/12_r7606-prcq7fg | (D) |
| cellranger/atac-2.0.0-m2tfcpk | htop/3.2.2- | |
| kqsjlaj | ngc-tensorflow/24.03-tf2-py3-lmnuwwg | |
| sratoolkit/3.0.0-u4jvgps | | |
| cellranger/6.0.0-dbzt7r | (D) htlib/1.12- | |
| ecidzx4 | ninja/1.11.1-k2aq3rl | stacks/2.65- |
| geg4r7a | | |
| cfitsio/4.2.0-5grfqtu | htlib/1.17-zxcat2k | |
| (D) nlopt/2.7.1-fwj27pk | star/2.7.10b-fj6kao2 | |
| cgal/5.4.1-64mikh1 | idba/1.1.3- | |
| nrxiqtw | nnn/4.9-r7kawsv | stata/mp17- |
| v7a7uoo | | |
| chrome/119.0.6045.159s-avadhvk | idemp/201706- | |
| a45gc3d | node-js/18.12.1-qkps4za | stata/mp18- |
| 3wq5b4o | (D) | |
| cli11/2.3.2-pcucv7l | idl/8.9s- | |

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| jocgnbh | nvhpc/23.3-xa4nyqi | stow/2.4.0- |
| y2q7tsn | | |
| clustal-omega/1.2.4-mbj3dq5 | igraph/0.7.1- | |
| wbiepb3 | nvhpc/23.7-alnzdzw | stringtie/2.2.1- |
| 7uti3ny | | |
| cmake/3.6.1-il7bkvj | imagej/154-linux64-java8- | |
| jd6sflr | nvhpc/25.1-scv2ac | (D) sublime-text/4.4143-im3loi3 |
| cmake/3.26.3-xi6h36u | (D) | imagemagick/7.1.1-3- |
| ex4k4u2 | nvtop/3.0.1-7r22pjl | subread/2.0.2-5agghnd |
| cnvnator/0.4.1-w3bkqjf | inkscape/1.3s- | |
| gshcpwc | octopus-lunter/0.7.4-kkqrfv3 | swig/4.1.1- |
| bq46cxl | | |
| code-server/4.20.0-tcrmrcl | intel-oneapi-compilers/2023.1.0- | |
| a7fw7qt | ollama/0.3.14s-a3gonhs | synopsys/2023.12-df4a3ab |
| code-server/4.97.2-33bvsj5 | (D) | intel-oneapi-mkl/2023.1.0- |
| xbcd2g3 | ollama/0.5.12s-mjarasi | (D) synopsys/2024.09- |
| q3jwzot | (D) | |
| colordiff/1.0.21-ifskeyqr | intltool/0.51.0- | |
| vanhjsr | openbabel/3.1.1-nay2mkb | tabix/2013-12-16- |
| d6qvxp7 | | |
| comsol/5.2-ufifhtv | iq-tree/2.1.3- | |
| gu64b4j | openblas/0.3.23-u6k5fey | tcl/8.6.12- |
| dziqp2l | | |
| comsol/5.6_yqi27-jnspqto | iq-tree/2.3.6-fn5vscb | |
| (D) opencv/4.6.0s-5z4piup | tcsh/6.24.10-dtqo5ky | |
| comsol/6.3_yqi27-7yf67lt | (D) | iraf/2.17.1s- |
| 2r7ypc5 | openexr/3.1.5-6fapou6 | tecplot/2022r1- |
| q5cg2zq | | |
| conn/22a-nztrdv3 | itk-snap-container/4.0.2- | |
| bychj73 | openjdk/11.0.17_8-nw5ylvl | tesseract/4.1.1-l2ejycz |
| connectome-workbench/1.5.0-t66riq | jags/4.3.1- | |
| 4mvaxc3 | openjdk/17.0.5_8-pq2e7ao | (D) |
| tesseract/5.3.3-vq3altr | (D) | |
| cppunit/1.14.0-h3hsjgu | jellyfish/2.2.7- | |
| dywzm7z | openjpeg/2.5.0-iyu5vwb | texlive/20220321- |
| pocclv | | |
| crossrate-container/2016-27ofi4r | jo/1.9- | |
| ki7xc2u | openmpi/4.1.2-s5wtoqb | |
| texstudio/3.0.1-64vx064 | | |
| cuda/10.1.243-bxisbai | json-fortran/8.3.0- | |

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| ehkzpjv | openmpi/4.1.4s-smqniuf | tk/8.6.11-uqpqlly |
| cuda/10.2.89-xnfjmr | jsoncpp/1.9.5- | |
| vhsa2iy | openmpi/4.1.5-kzuexje | tmux/3.3a-zyhjvvh |
| cuda/11.8.0-lpttyok | julia/1.9.3s- | |
| i3zndt3 | openmpi/5.0.1s-6ti4ij7 | tmux/3.5a- |
| kcjtgnd | (D) | |
| cuda/12.1.1-ebglvvq | julia/1.11.1s-kueea5s | |
| (D) openmpi/5.0.2s-mfj2kfp | (D) tn93/1.0.12-tcvbyl4 | |
| cuda/12.2.0-4lgnkrh | kraken/1.1.1- | |
| e6r2aej | openslide/3.4.1-pzjb2kl | tree/2.1.0- |
| 7tlhzo7 | | |
| cuda/12.3.0-r72aozf | lemon/1.3.1- | |
| jh3h4xt | openssl/1.1.1t-u2rkdft | trimal/1.4.1- |
| ace7du2 | | |
| cuda/12.4.0-piq32fy | (D) leptonica/1.81.0- | |
| pebiyok | or-tools/9.10-k4nov4d | trimgalore/0.6.6- |
| iwfrq4c | | |
| cudnn/7.5.1.10-10.1-hv4e2lt | leveldb/1.23- | |
| f76iwfr | ovito/3.6.0-rile7ax | |
| trimgalore/0.6.9-hisz5xp | (D) | |
| cudnn/8.7.0.84-11.8-lg2dpd5 | lftp/4.9.2- | |
| vimt4vf | p7zip/17.05-3xtimiz | |
| trimmomatic/0.39-w5jnhai | | |
| cudnn/8.9.6.50-12-56zgdoa | libarchive/3.6.2- | |
| mnc5shn | pandoc/2.19.2-wawlx5m | udunits/2.2.28- |
| rycabdx | | |
| cudnn/9.8.0.87-12-j5i4iki | (D) libbeef/Nov2020- | |
| xhrdwg5 | pangolin/0.6-vwij3iv | usearch/11.0.667- |
| wx6utmj | | |
| cufflinks/2.2.1-ogzw3z5 | libdeflate/1.10- | |
| 5yi7m3g | parallel/20220522-5ah2i5h | v8/3.14.5-aompxje |
| cutensor/1.5.0.3-gqkzath | libgd/2.2.4- | |
| 2iyhgxa | paraview/5.9.0s-dgv24kr | vasp-mpi/5.4.4- |
| mdh3hpy | | |
| datamash/1.8-ib4aakp | libgd/2.3.3-ubu4k2f | |
| (D) patchelf/0.17.2-aqmx4qb | vasp-mpi/5.4.4-wannier-cqhzfma | |
| dcm2niix/1.0.20220720-nwsidfo | libgeotiff/1.6.0- | |
| voueb6b | paup/4.0a168-cwt24ux | vasp- |
| mpi/6.3.2_avandewa-chn3w3j | | |
| diamond/2.0.15-h7xx24l | libgit2/1.6.4- | |

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| a432pgi | pcr2/10.42-xks64jg | vasp- |
| mpi/6.4.2_cfgoldsm_vtst-cff5qmk | | |
| dicombrowser/20181217s-ikvqhyr | libiconv/1.17- | |
| jwjcds2 | pdftk/2.02-gu7lpeg | vasp- |
| mpi/6.4.2_cfgoldsm-7krhcss | | |
| dlib/19.22-lxah7rq | libjpeg-turbo/2.1.5- | |
| sewtk5u | pdsh-chaos/23.12-t6ywlrp | vasp- |
| mpi/6.4.3_cfgoldsm-5dioee2 | | |
| dmtcp/3.0.0-xvfukfp | libjpeg/9e- | |
| 6djp5nd | perl-dbi/1.643-t74vmeb | vasp- |
| mpi/6.4.3_yqi27-wannier-livyes6 | | |
| dorado/0.8.2-s42dhri | libnsl/1.3.0- | |
| calriiy | perl/5.26.2-o4iq4b4 | vasp- |
| mpi/6.4.3_yqi27-6uzdgwn | (D) | |
| dos2unix/7.4.2-5a6dlgt | libnsl/2.0.1-ed2i5hn | |
| (D) perl/5.36.0-bt34quz | (D) vcftools/0.1.14-syssqsi | |
| dotnet/8.0.100-5lr7bga | libpng/1.2.57s- | |
| lve65hz | perl/5.37.9-og4osvm | vim/9.1.0867- |
| wl3haj7 | | |
| dropest/0.8.6-ewwx5ik | libpng/1.5.30- | |
| ru3zswz | perl/5.40.0-o7hxc12 | virtualgl/3.1- |
| yphbrfj | | |
| ds/9.8.5s-zpqg2jy | libpng/1.6.39-ryxiwrd | |
| (D) picard/2.26.2-qabtyqy | visit-container/3.3.3-qz3dni6 | |
| dsi-studio/chen-2023-sif-lytwlk2 | libreoffice/7.2.2.sif- | |
| drpjygp | pigz/2.7-zgdlry3 | visit-mpi/3.3.3s-lz2dp7m |
| dtitk/2.3.1s-bp7yqjh | libsdl/2.30.7- | |
| 4rxs72s | plink/1.9-beta6.27-nvy4vrX | vmd/1.9.3-oin2dnj |
| eigen/3.4.0-uyccckhi | libsodium/1.0.20- | |
| 4o75gk3 | plink/2.00-b6x44xw | (D) vscode/1.84.2- |
| 4tfimgp | | |
| eigensoft/7.2.1-6ctbhoz | libtiff/4.5.0- | |
| g6fga7e | popoolation2/1.205s-luyjn2b | vscode/1.97.2- |
| txhgk3l | (D) | |
| emacs/28.2-rwds2pd | libtree/3.1.1- | |
| yxst452 | postgresql/16.4-vzmexkn | wcstools/3.9.7- |
| lo4forb | | |
| expat/2.5.0-zujcztp | libvips/8.13.3- | |
| ex4pfpq | prodigal/2.6.3-vbq7usx | wxwidgets/3.2.2.1- |
| mk5eiyq | | |

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| fastme/2.1.5.1-kmg5til | libwnck/3.24.1- | |
| 4gvyjhg | proj/9.2.0-ni5rcfb | xcrysden/1.5.60- |
| nuxe46i | | |
| fastp/0.23.4-xmfbk37 | libx11/1.8.4- | |
| qdzkebe | protobuf/3.22.2-6hlkkut | xerces-c/3.3.0- |
| djupwmt | | |
| fastq-screen/0.15.3-7ymgrux | libxc/4.3.4- | |
| uy5ogwb | py-ase/3.21.0-pyuljod | xeyes/1.2.0- |
| nge56yb | | |
| fastqc/0.11.9-mvd2uhw | libxc/5.2.3-ncc5ir4 | |
| (D) py-matplotlib/3.7.1-4afsjsz | xgboost/1.6.2-fp3ii65 | |
| fastqc/0.12.1-sk2rb3a | (D) libyaml/0.2.5- | |
| wdpye7g | py-statsmodels/0.13.2-sbdhj4k | yaml-cpp/0.7.0- |
| 6nno2ru | | |
| fasttree/2.1.11-o5kvig7 | libzip/1.3.2- | |
| qwqikw6 | py-sympy/1.11.1-gqgr7wu | zlib/1.2.13- |
| jv5y5e7 | | |
| fastx-toolkit/0.0.14-zhaxiyn | ligggghts/3.8.0s- | |
| rqph5mk | pycharm-community/2021.3.3-weqrclly | zoxide/0.9.2- |
| ydhigq6 | | |
| ferret/7.6.0-i6u5m7q | linaro-forge/23.1.2- | |
| pk2lobu | pypy/7.3.13-6a5ma5j | zstd/1.5.5-zokfqsc |
| ffmpeg/6.0-fy677gn | llvm/16.0.2- | |
| mq6g5lb | python/3.9.16s-x3wdttvt | |
| ffmpeg/7.0-xny2fb2 | (D) lmod/8.7.24- | |
| w2akdkb | python/3.11.0s-ixrhc3q | (D) |
| fiji/20231107-1617-espdc7g | macaulay2-container/1.2- | |
| vupc5gy | qgis/3.28.3-5axmqsj | |

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